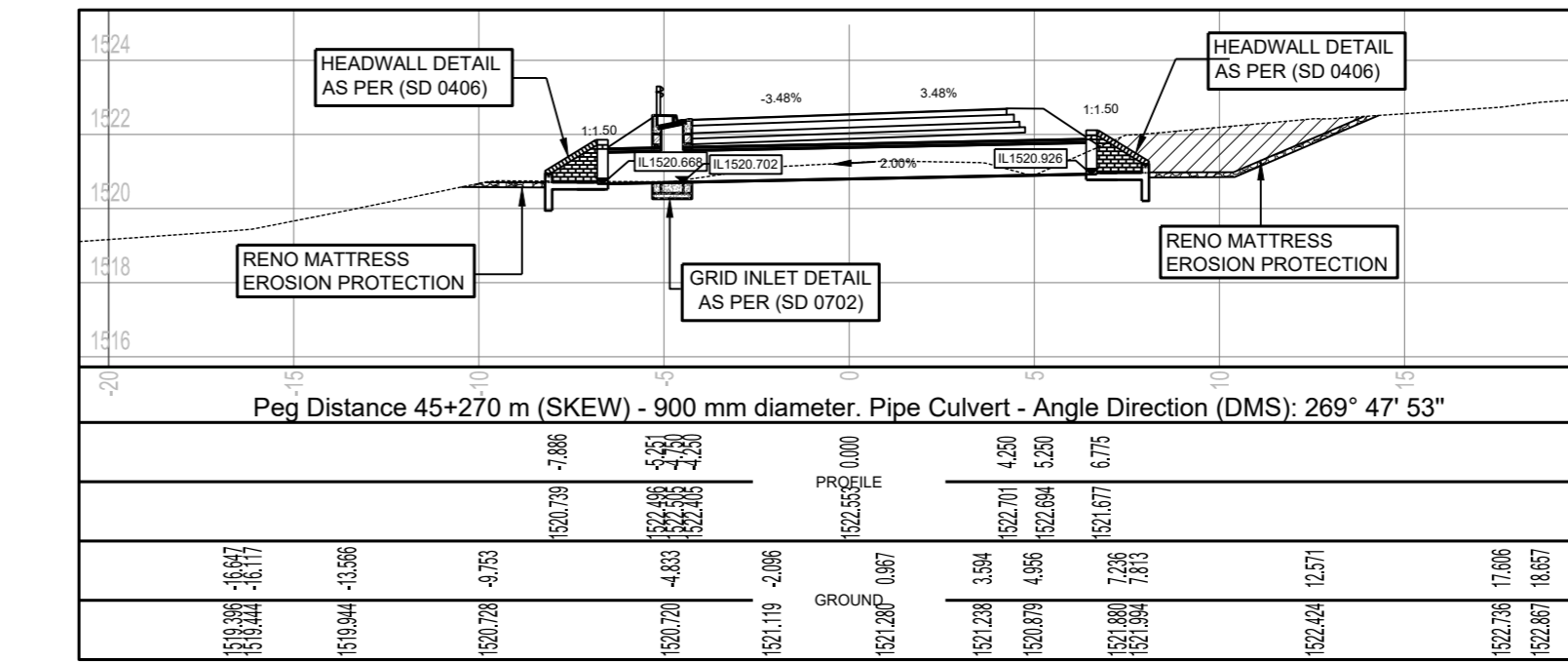
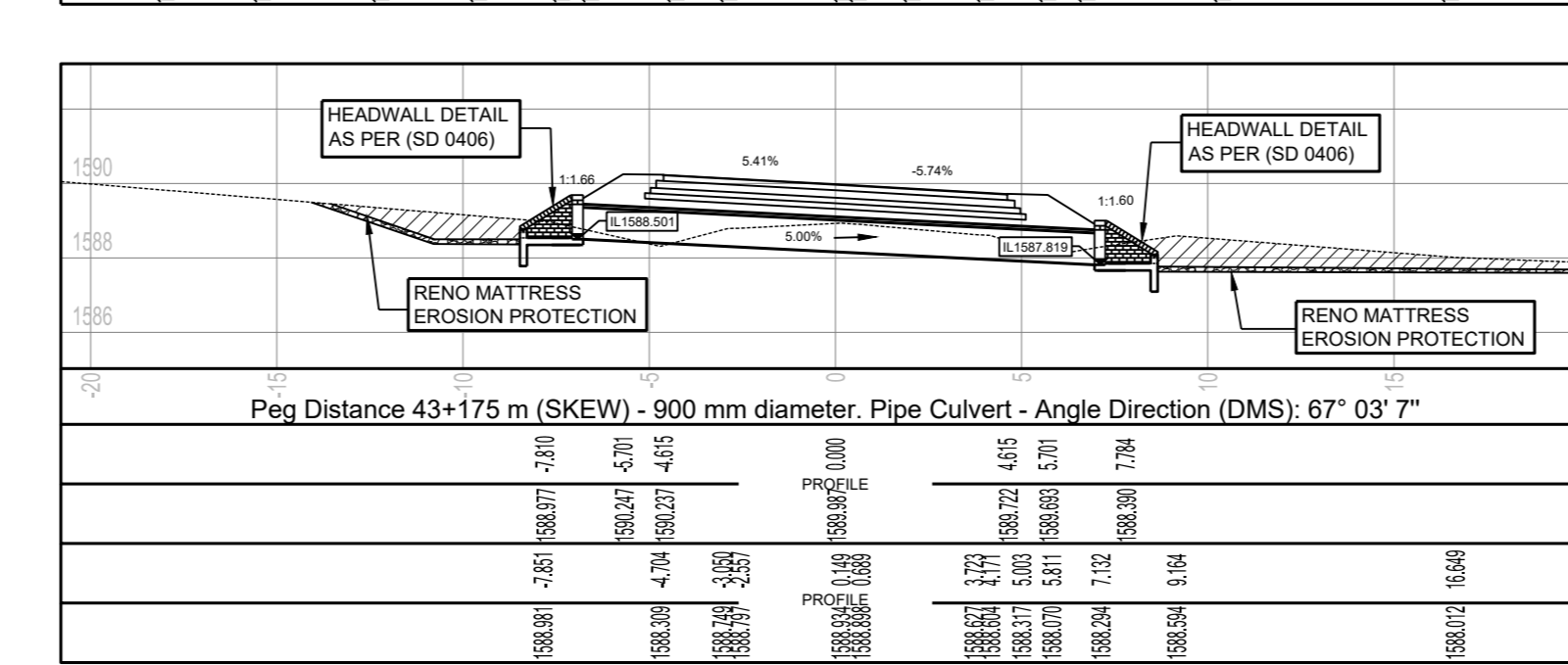
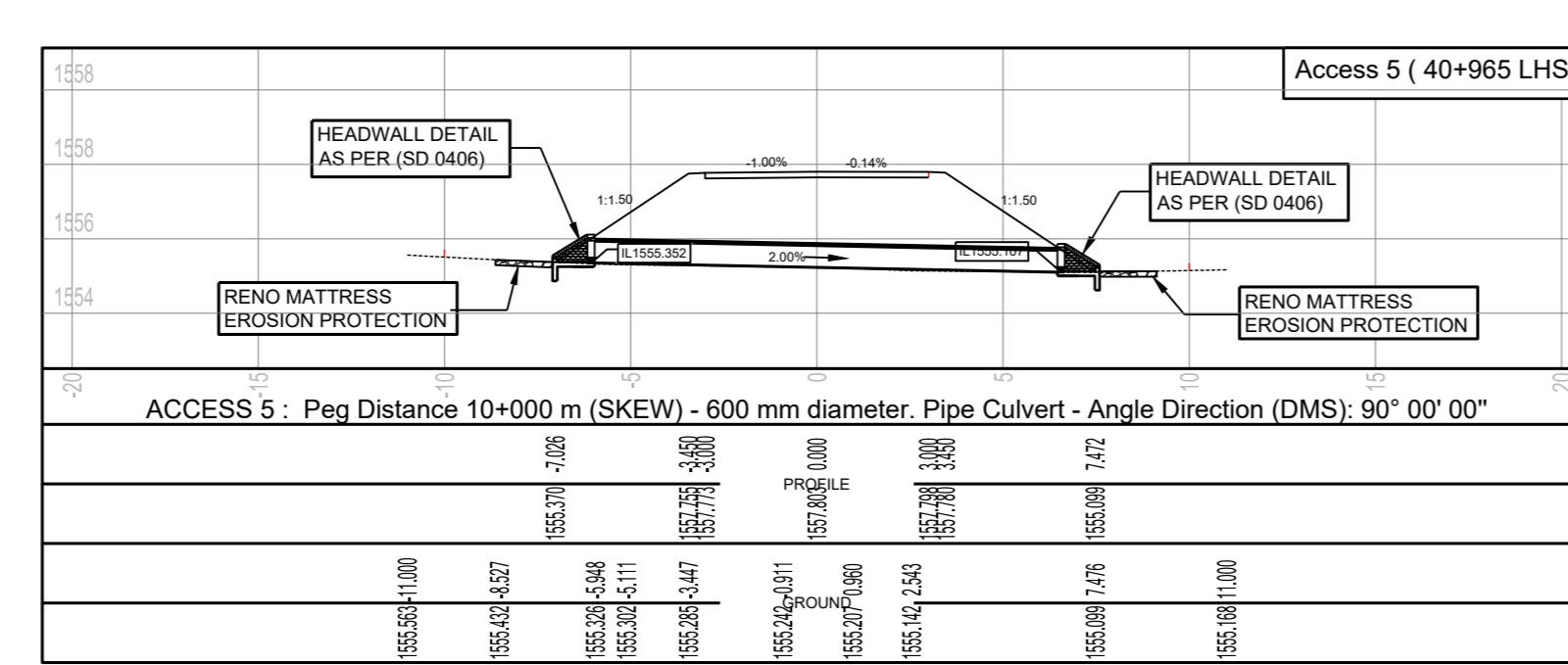
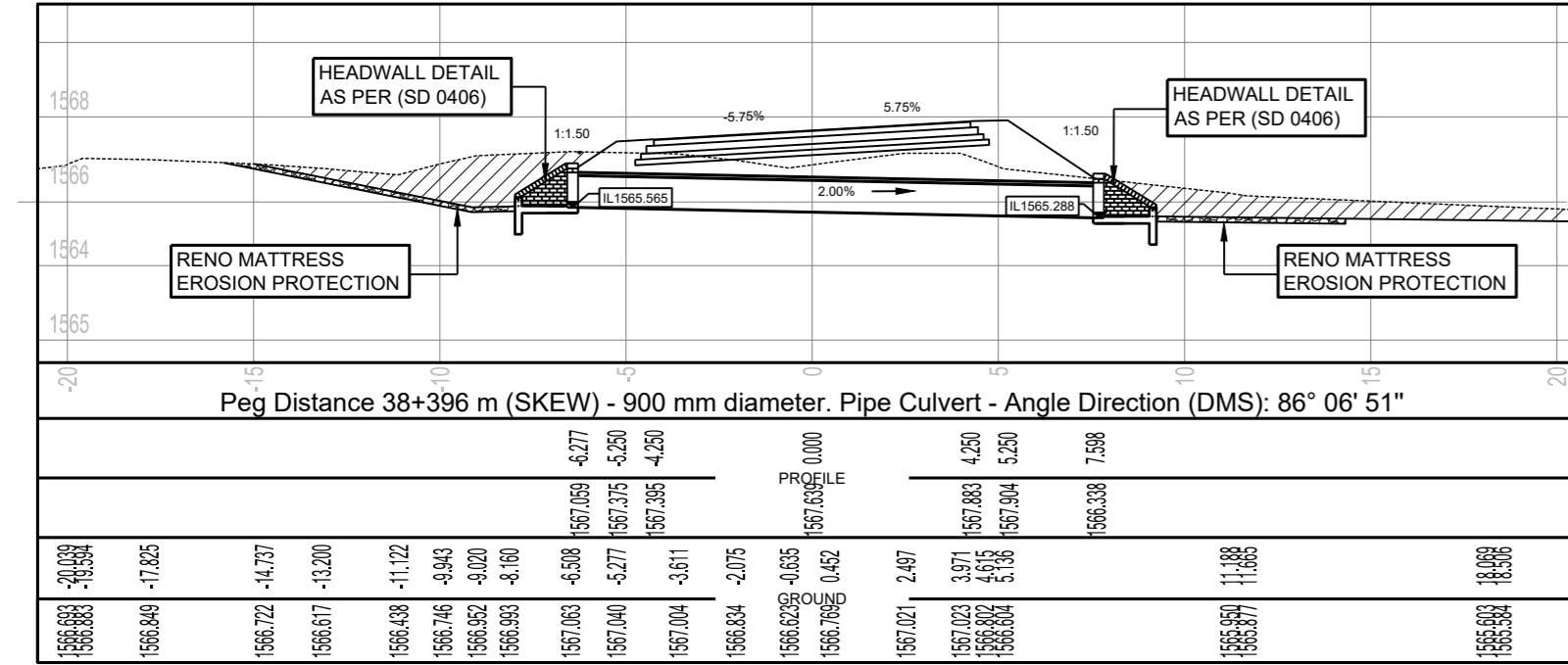
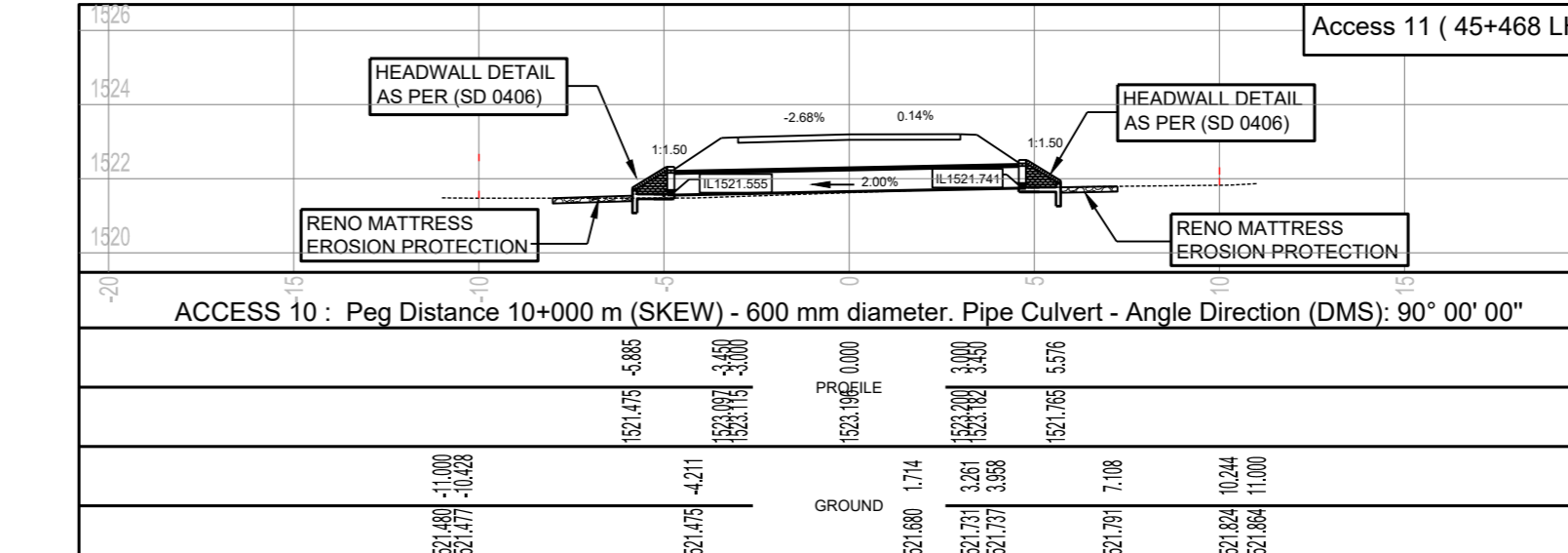
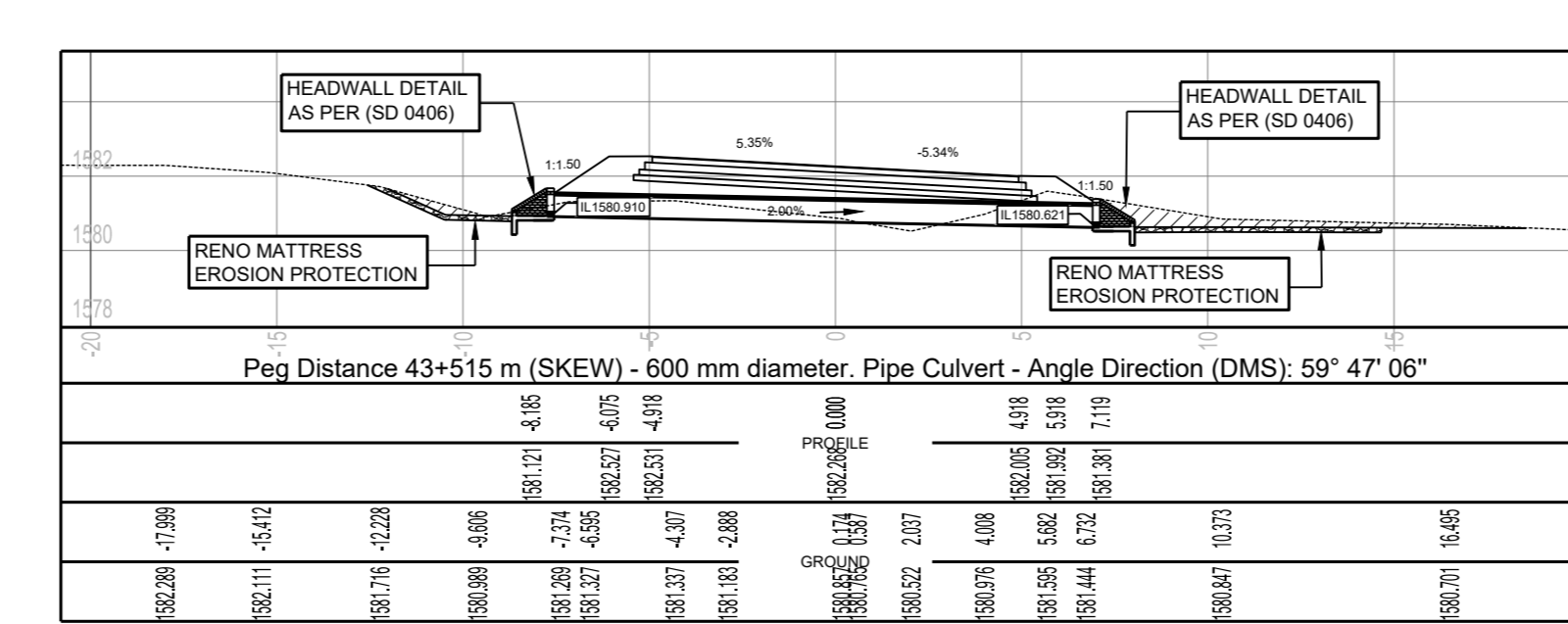
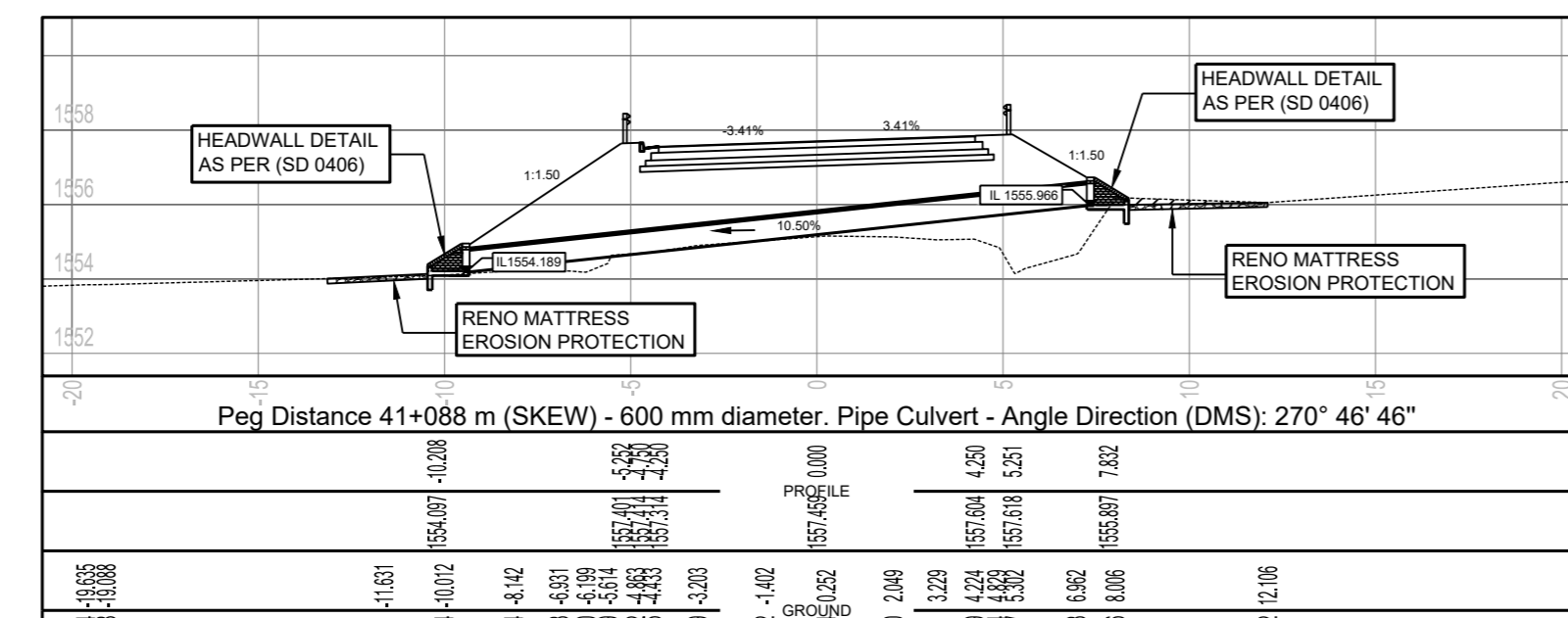
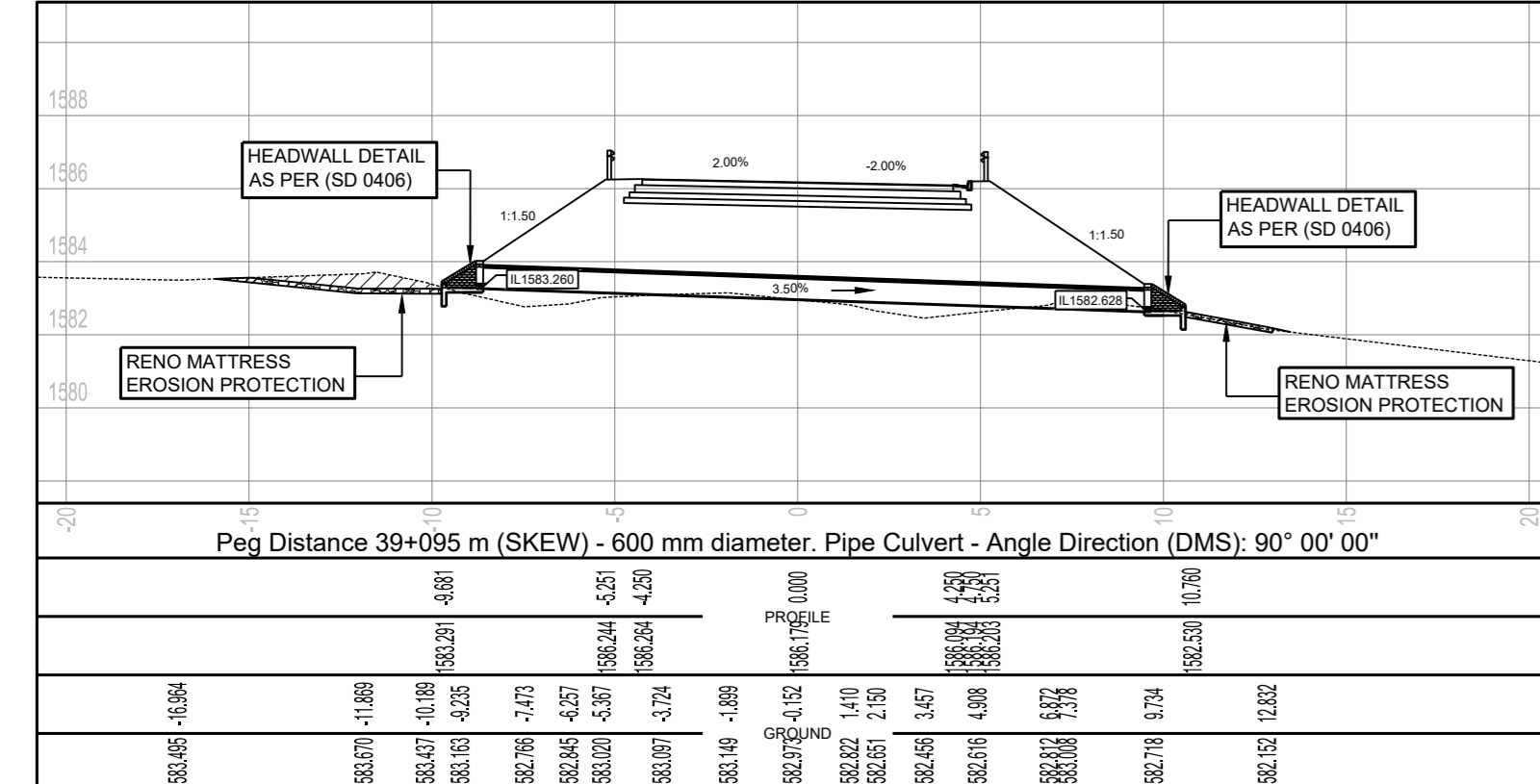
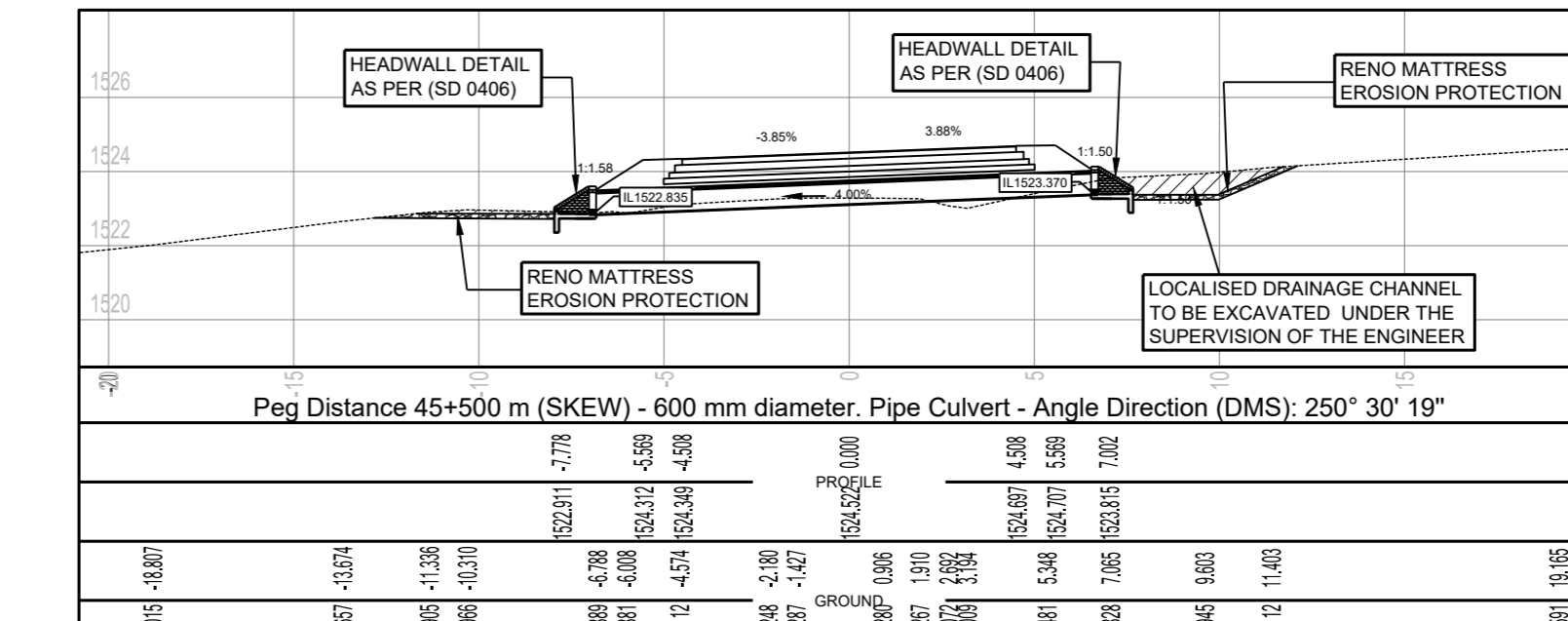
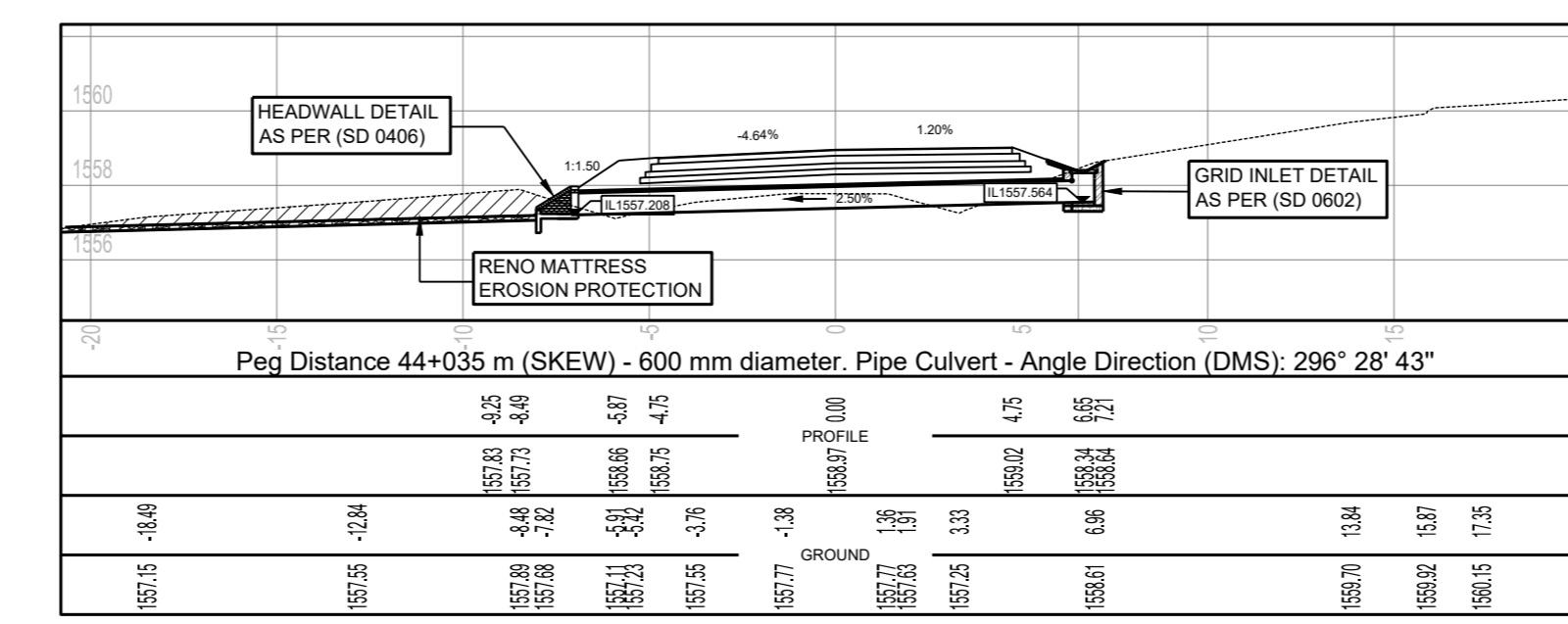
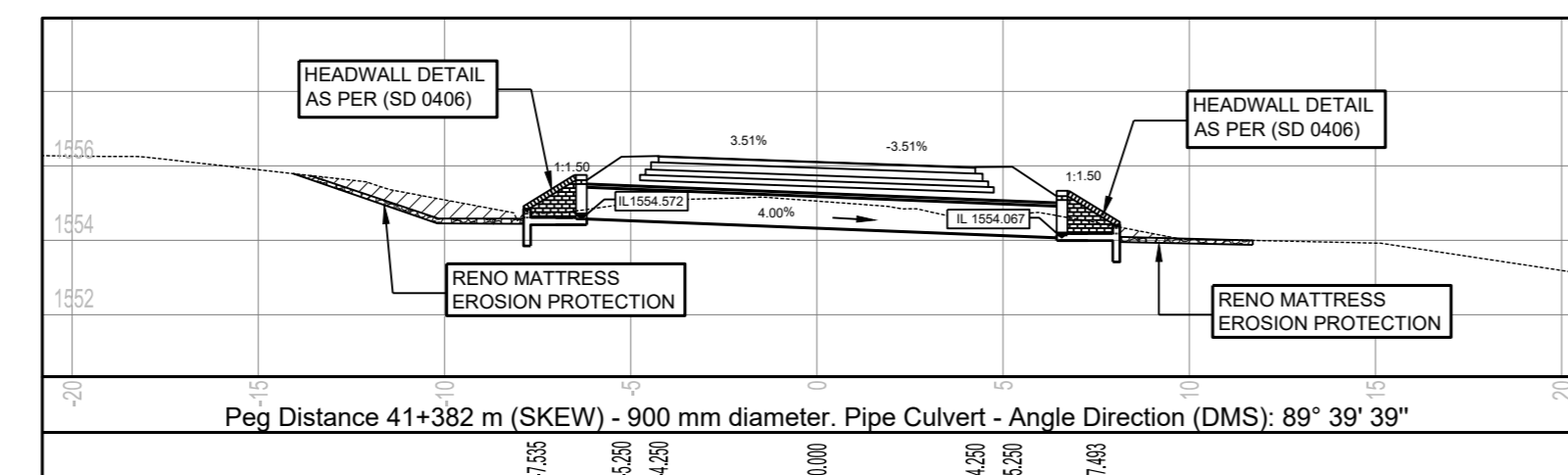
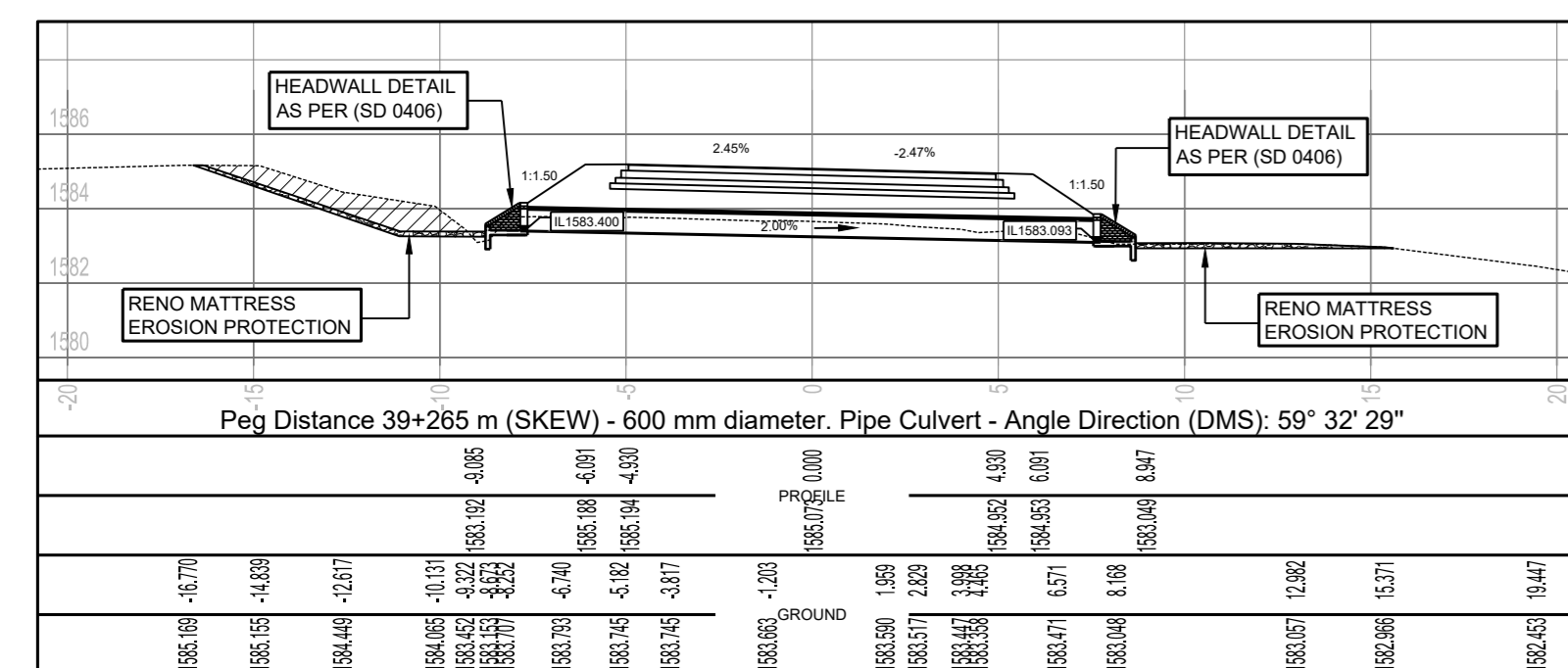
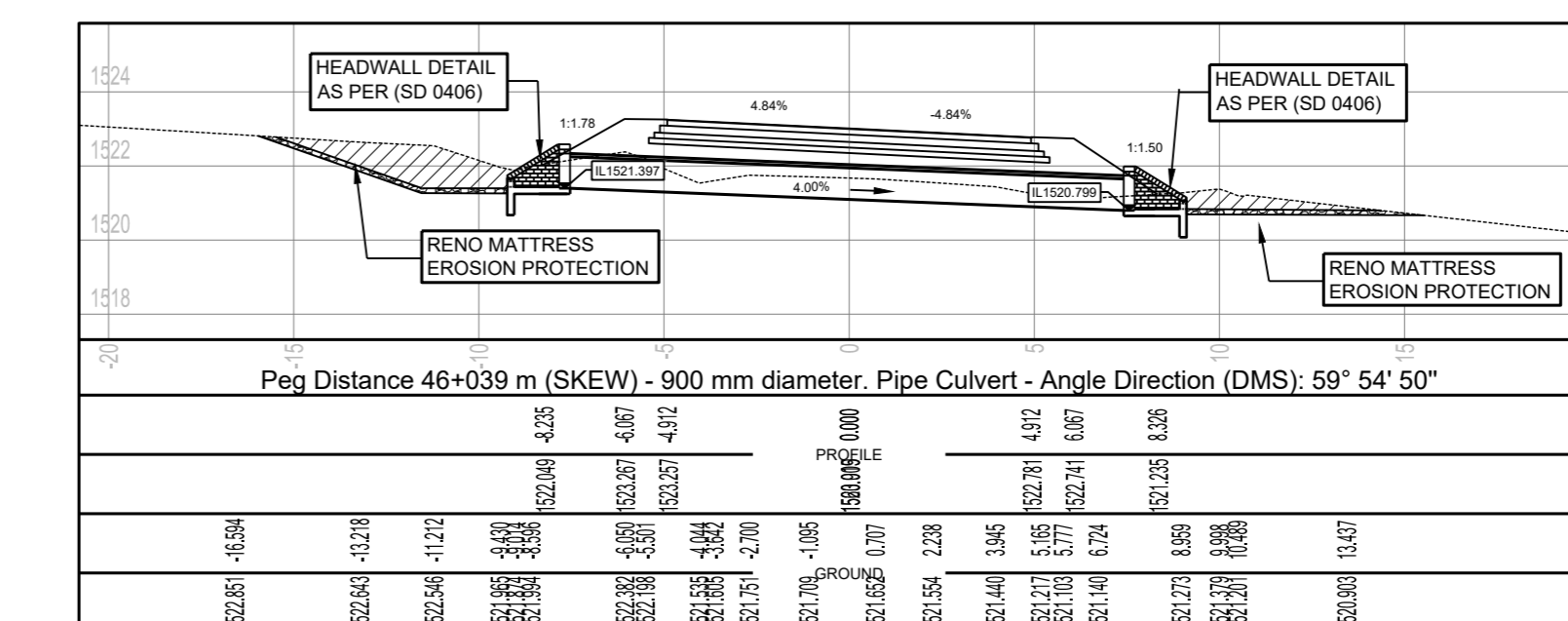
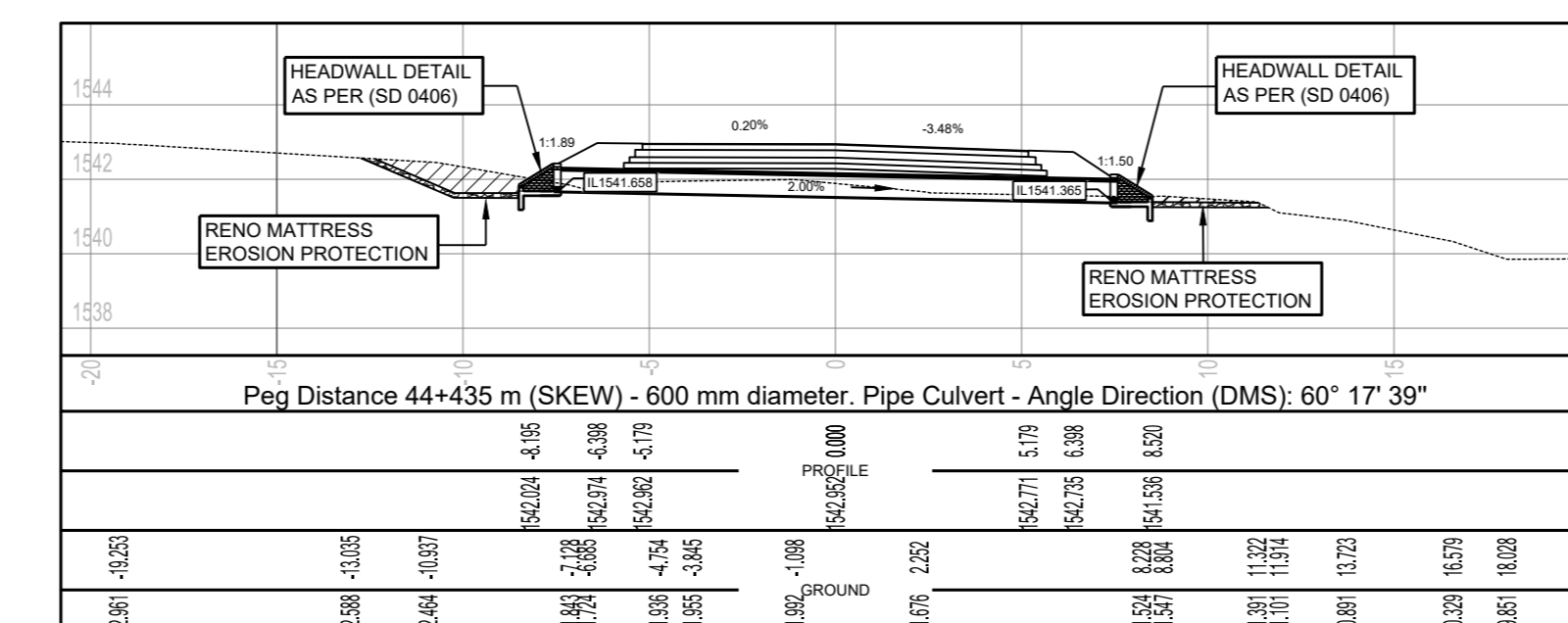
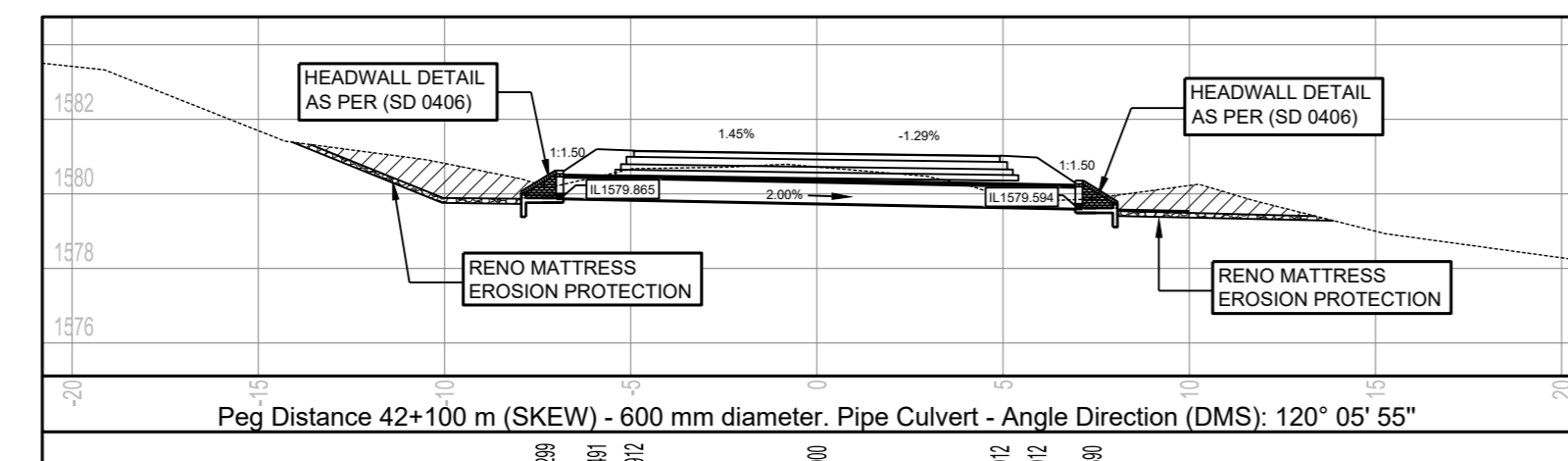
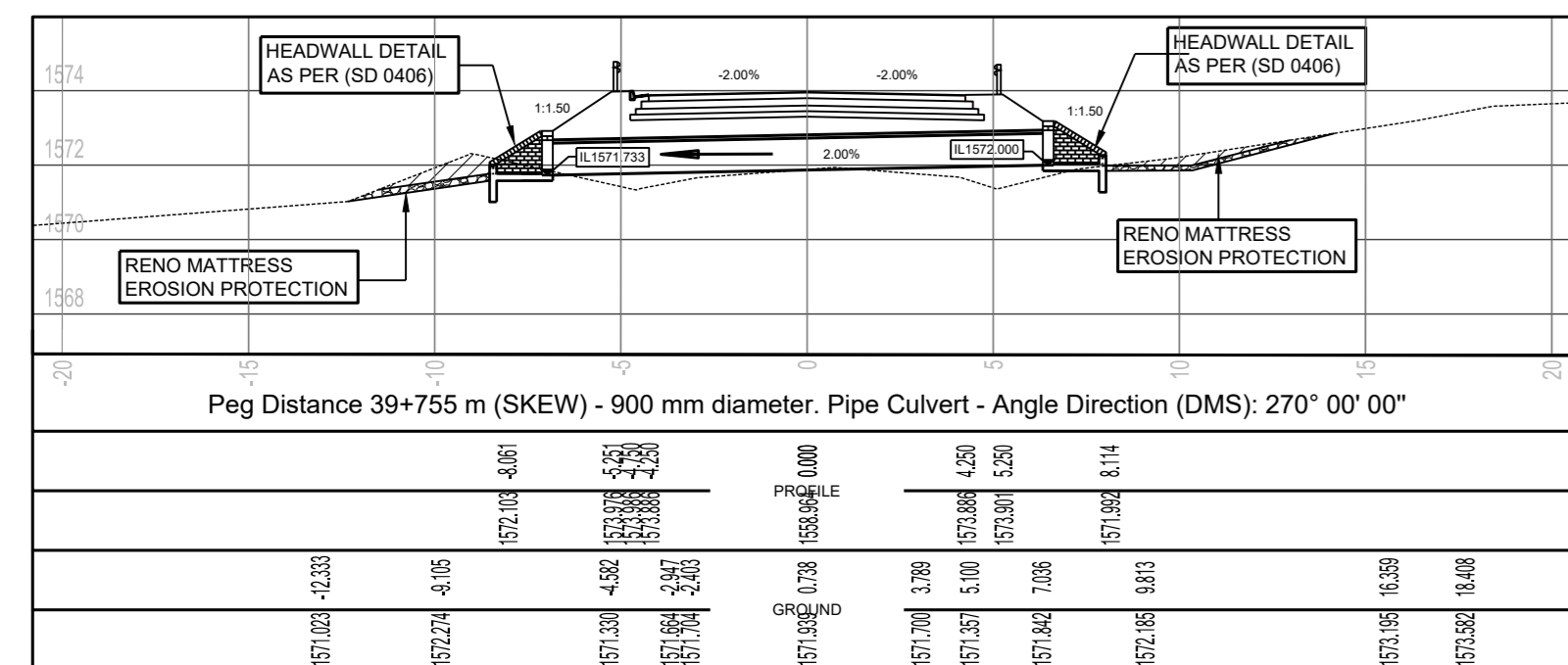
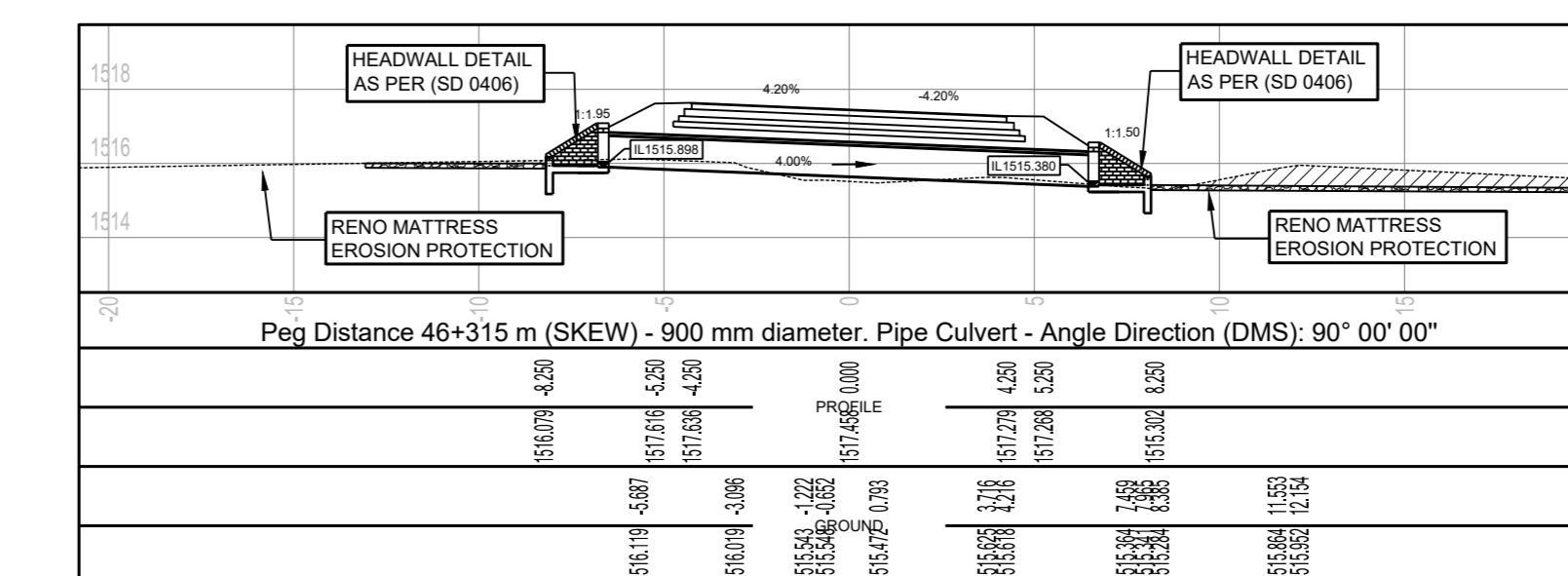
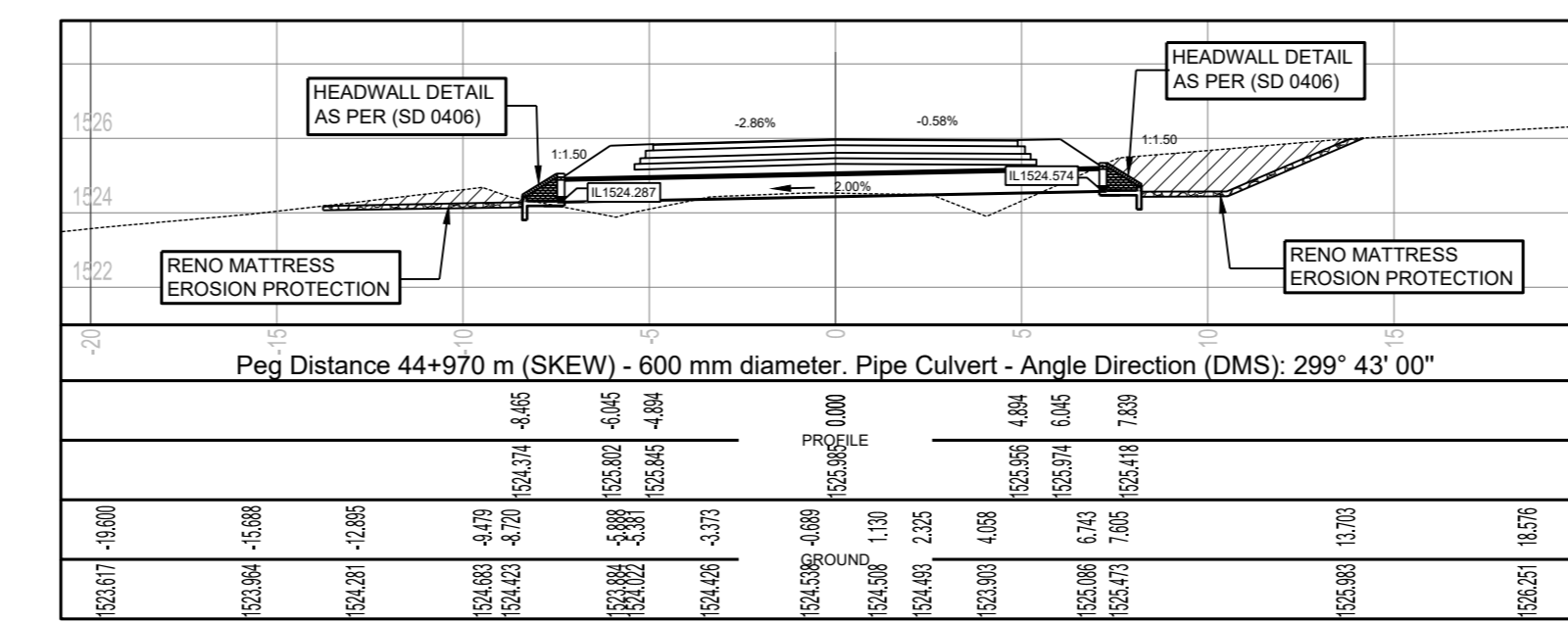
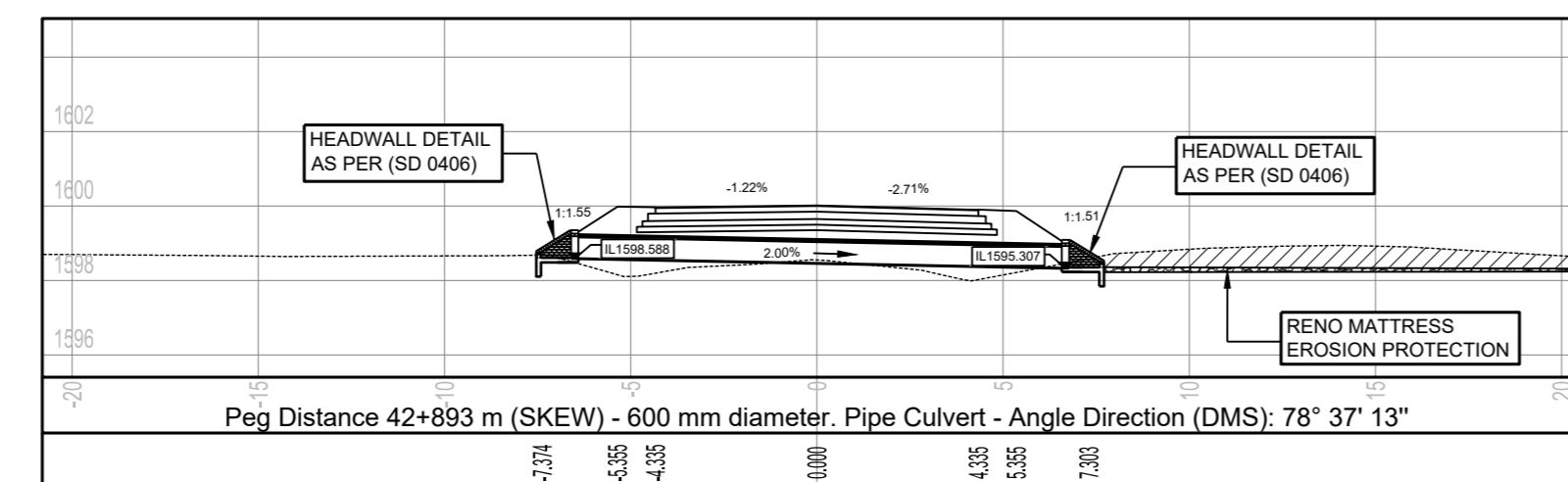
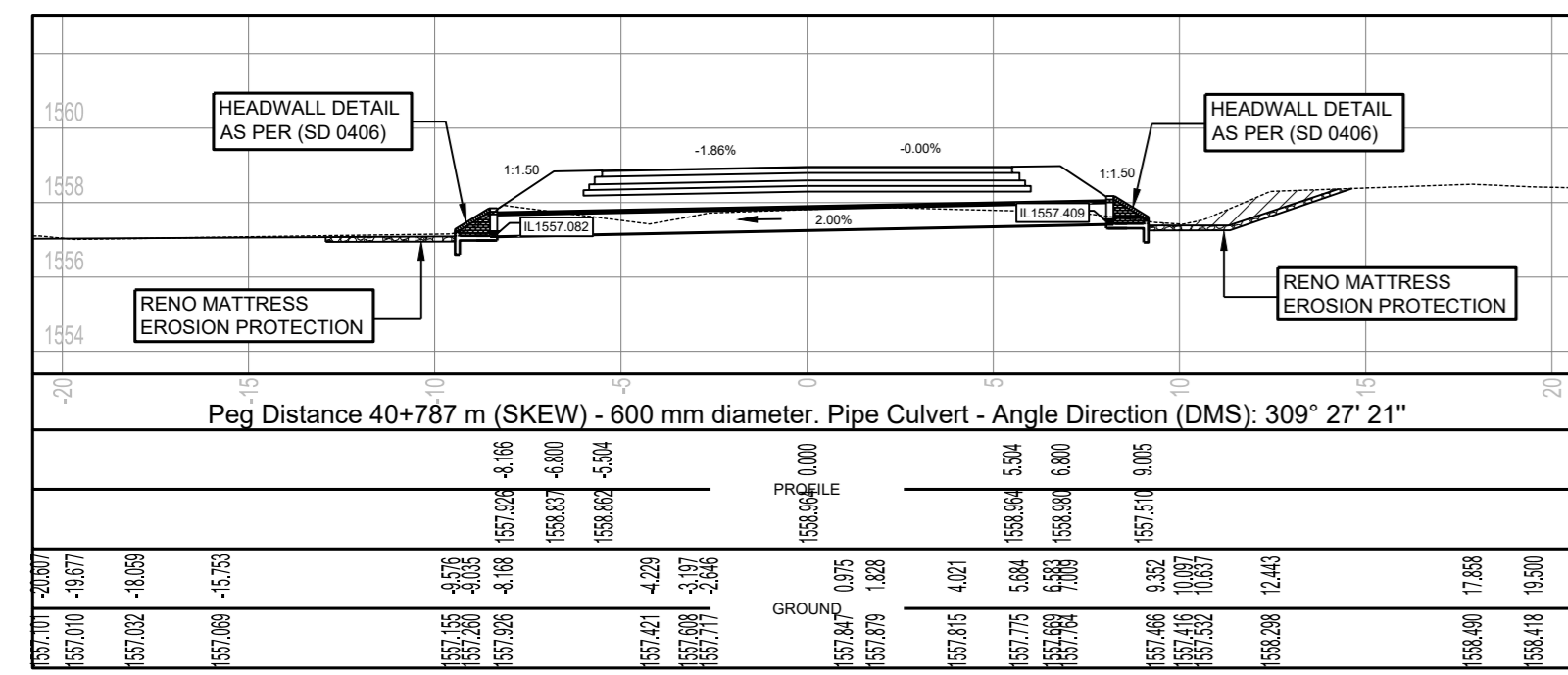


**GENERAL NOTES**

1. ALL PIPES ARE TO BE SPIGOT AND SOCKET PIPES ON CLASS C BEDDING.
2. ALL DRAINAGE IS TO BE VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.
3. DRAINAGE STRUCTURES ARE TO BE SET OUT BY CALCULATIONS AND OFF-SETS FROM THE CONFIRMED EDGE OF ROAD ON THE LONGITUDINAL SECTIONS AND THE RESPECTIVE STANDARD DETAILS.
4. THE USE OF THE KZN STANDARD DETAILS IS ESSENTIAL FOR THE INSTALLATION OF THE DRAINAGE STRUCTURES.
5. DRAINAGE MAY BE ADJUSTED BY THE ENGINEER ON SITE TO SUITE SITE CONDITIONS.
6. EROSION PROTECTION IS TO BE INSTALLED WHERE NECESSARY UNDER INSTRUCTION BY THE ENGINEER.
7. ANGLES GIVEN ARE BASED ON THE SURVEY CARDINAL SYSTEM.
8. ALL CHUTES TO SUITE SITE CONDITIONS.

SKD	LHS		RHS	
	Structure	Offset	Structure	Offset
38396	HW	6.43	HW	7.718
39095	HW	8.60	HW	9.55
39265	HW	7.74	HW	7.64
39755	HW	6.83	HW	6.33
40787	HW	8.41	HW	8.13
40965 (Access 5)	HW	6.06	HW	6.56
41088	HW	9.42	HW	7.34
40362	HW	6.32	HW	6.58
42100	HW	6.90	HW	7.03
42993	HW	6.50	HW	6.67
43175	HW	6.92	HW	7.12
43515	HW	7.65	HW	7.00
43035	HW	7.00	GI	6.63
44435	HW	7.46	HW	7.47
44970	HW	7.37	HW	7.18
45270	HW	6.65	HW	6.54
45468 (Access 11)	HW	4.82	HW	4.68
45500	HW	6.92	HW	6.63
45039	HW	7.68	HW	7.56
46315	HW	6.65	HW	6.58



NOTE: EXISTING SERVICES TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION

FOR APPROVAL

SYMBOL	DATE	DESCRIPTION	CHECKED	SIGNED
AMENDMENTS				

CONTINUED FROM:	DESIGNED BY: A. MABOSHEGO
CONTINUED ON:	CHECKED BY: S. POPIS
CROSS SECTION NO:	DRAWN BY: A. MABOSHEGO
LONG SECTION NO:	CHECKED BY: M. NADASEN
NAIDU CONSULTING - CONSULTING ENGINEER	K. GOVENDER (Pr Eng 970276)
SUPERVISING ENGINEER	DATE:
SUPERVISING AUTHORITY	

Designed by-

Naidu Consulting no.- D296/4250

Department: Transport  
Province of KwaZulu-Natal

TRANSPORTATION ENGINEERING: CHIEF ENGINEER

MAIN ROAD 165 (HOWICK - MOOI RIVER)  
PORTION  
UPGRADING OF PORTION OF P165 : KM 38+295 - KM46+595  
HOWICK TO MOOI RIVER  
STORMWATER PIPE CROSSING

STAKED KM DISTANCE KM 38+295 - KM 46+595	SHEET 1 OF 1
SCALE 1:200	PLAN No. C 38655

C 38655